

SUPPLEMENTARY FIGURES

Figure S1

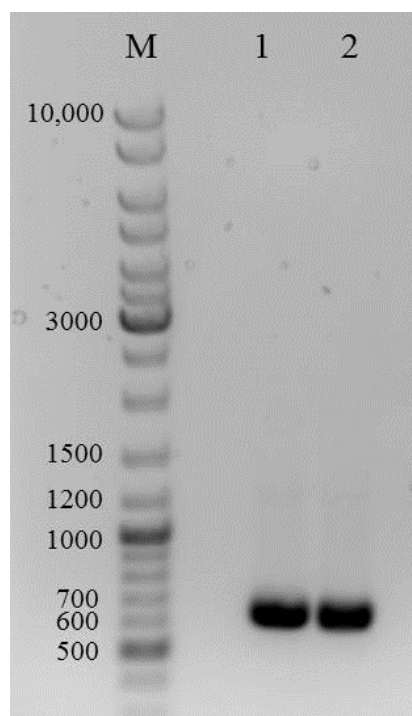


Fig. S1. PCR-amplified hCNTF insert. M denotes DNA marker (bp); lanes 1 and 2 loaded with 2,5 μ l of PCR-reaction mixture; lane 2: reaction carried out in presence of 3 % DMSO.

Table S1. PCR primers for the amplification of the synthesized hCNTF. fp, rp denote forward and reverse primers.

Primer	Sequence (5' \rightarrow 3')
CNTF_1_fp	AAGTTCTGTTTCAGGGCCCGATGGCGTTTACCGAACATTCC
CNTF_200_rp	ATGGTCTAGAAAGCTTTACATCTTCTTGTTGTTTGCGATGTAG

Figure S2

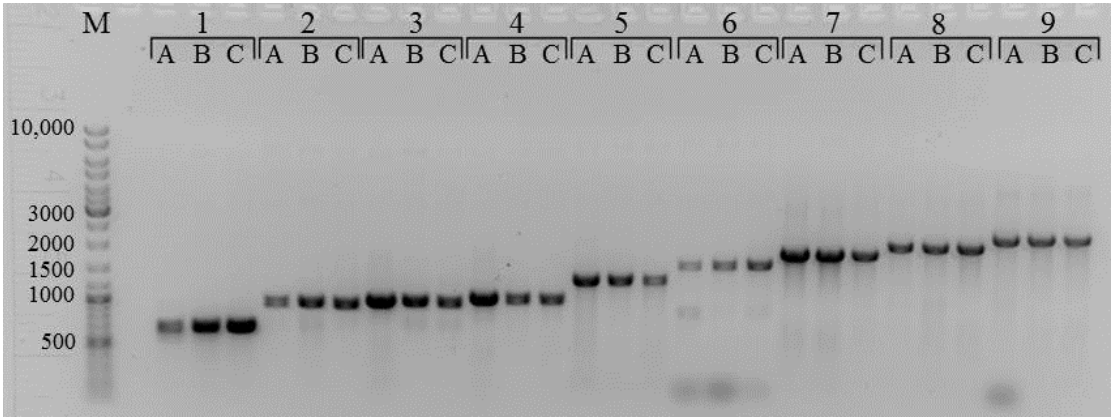


Fig. S2. PCR validation of cloned hCNTF in pOPIN vectors. M, 1-9 denote DNA marker and the set of expression vectors as listed in Table 1, respectively. A, B & C refer to randomly picked three colonies for positive clone screening.

Figure S3

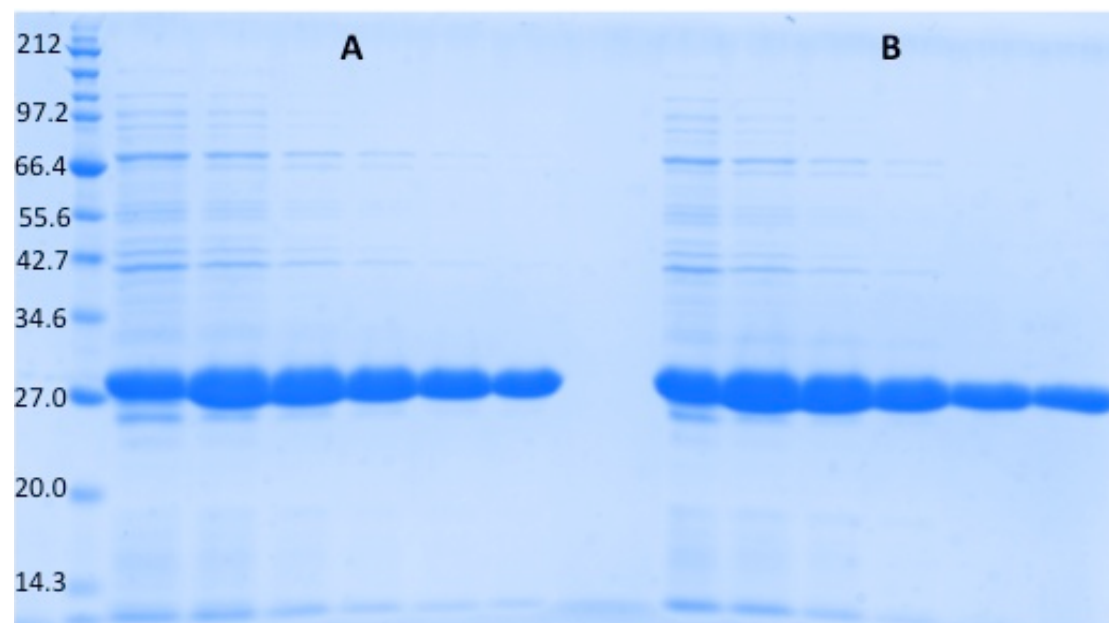


Fig. S3. Representative eluted fractions from Ni-IDA batch purification of 2 X 450 ml cultures (A and B).

Figure S4

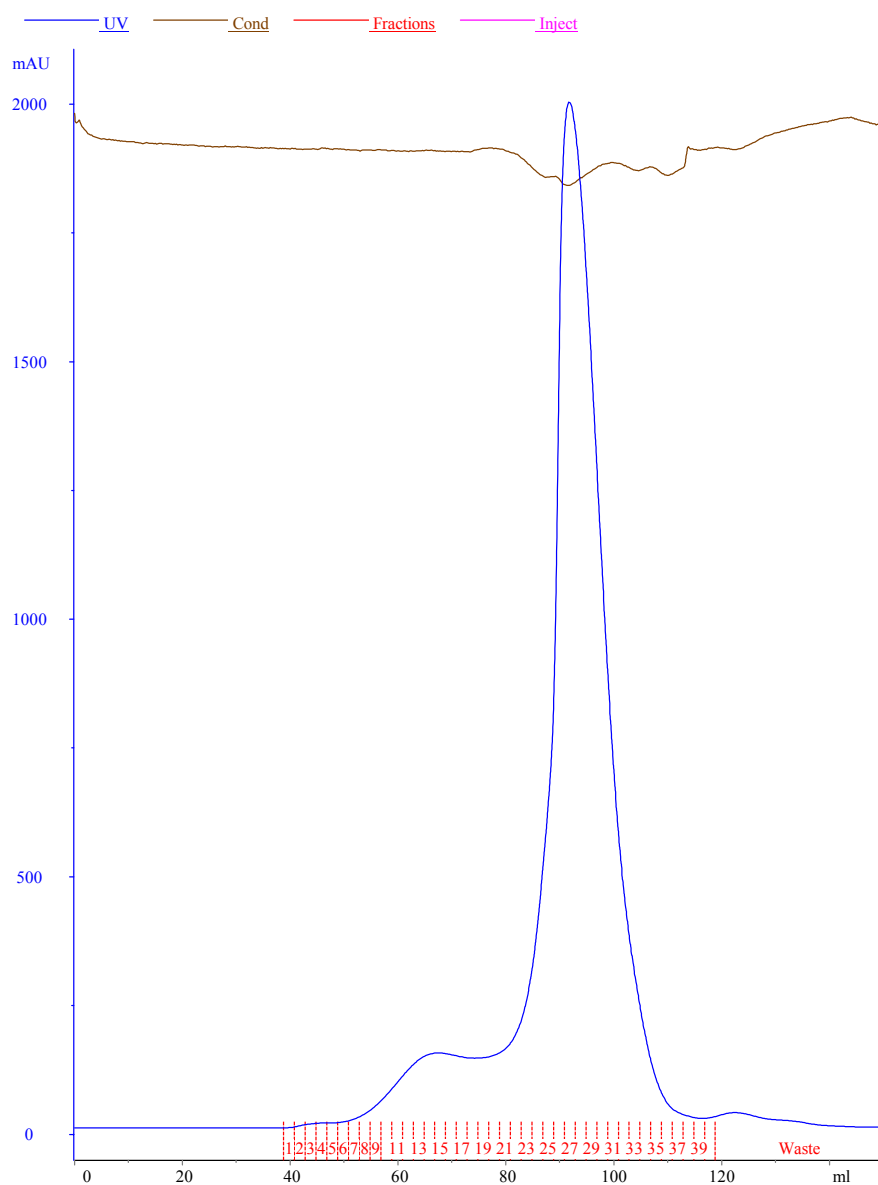


Fig. S4. Size exclusion chromatography (SEC). Chromatogram depicting eluted fractions from a HiLoad Superdex 200 gel filtration column run on AKTA purification system.